

Design Standards Letter

Letter Number: **G-1992-03**

Letter Date: **02/11/1992**

Effective Date: **03/01/1992**

Section/Plan No.: **S0619**

Subject: **Pavement Edge Treatment**

Body

Attached is a copy of a newly approved General Special Provision which will be included in contracts beginning with the March letting. This special provision provides for payment for edge treatment whether such work is preformed or not. The new pay item will be 619-10.00, Unit of measure to nearest linear foot, Item Description - PAVEMENT EDGE TREATMENT. We recommend

the quantities be estimated for approximately 1/3 to 1/2 of the total amount if it is unlikely that the contractor will construct the units estimated. Job Special Provision and pay item 616-10.80 for Edge Drop-Off Treatment will be deleted after the February letting.

Also attached is a copy of drawings to implement these changes. These drawings are presently included in the CADD library, SP, FORMAT as follows:

PAVEMENT,EDGE FS, 1,I,D (Full Size)
PAVEMENT,EDGE1/4, 2,I,D (8-1/2" X 11")
PAVEMENT,EDGE1/4, 3,I,D (8-1/2" X 11")

These CADD standard drawings shall be included in any jobs with Pavement Edge Treatment.

These instructions will supercede the instructions previously provided by General Letter No. 8, 1989 and should be used on all future projects.

blb/kd

ADD NEW SECTION
SECTION 619 - PAVEMENT EDGE TREATMENT March 1992

619.1 Description. This work shall consist of furnishing and installing temporary concrete traffic barrier or constructing a wedge shaped slope adjacent to the pavement edge when shown on the plans or as directed by the engineer.

619.2 Materials.

619.2.1 Temporary concrete traffic barrier shall comply with Sec. 617.

619.2.2 Wedge slope shall be constructed of an aggregate base material substantially equivalent to that in Sec 1007 Type 1, 2, or 3 or a commercially available bituminous mix or an approved preformed unit. Acceptance of wedge slope material will be based on visual examination.

619.3 Construction Requirements.

619.3.1 Temporary concrete traffic barrier shall be installed as shown on the plans or as directed by the engineer.

619.3.2 Wedge slope shall be as shown on the plans or as directed by the engineer. Aggregate or bituminous mixtures shall be compacted by a roller, mechanical tamper, or other methods approved by the engineer, until there is no visible evidence of further consolidation.

619.3.3 Wedge slope material shall be removed and the pavement edge returned to a vertical face prior to placement of adjacent shoulder or pavement material. Material used to construct wedge slope shall be disposed of as directed by the engineer.

619.4 Method of Measurement.

619.4.1 Measurement of edge treatment will be made to the nearest linear foot, measured along the centerline of the pavement.

619.4.2 Measurement of temporary concrete traffic barrier will be made in conformance with Sec 617.4.

619.4.3 Final measurement will not be made except for authorized changes during construction or when appreciable errors are found in the contract quantities.

619.5 Basis of Payment.

619.5.1 The accepted quantity of edge treatment will be paid for at the contract unit bid price for the units constructed or the units shown in the contract, whichever is greater. Payment shall include all materials and labor necessary to eliminate the need for or construct, maintain, replace, relocate, remove and dispose of edge treatment.